

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 05032848
PUBLICATION DATE : 09-02-93

APPLICATION DATE : 08-07-91
APPLICATION NUMBER : 03166840

APPLICANT : ASAHI CHEM IND CO LTD;

INVENTOR : TOYAMA MITSUTOSHI;

INT.CL. : C08L 51/04

TITLE : RUBBER-MODIFIED VINYL AROMATIC RESIN COMPOSITION

ABSTRACT : PURPOSE: To provide a styrenic resin molding compsn. which is excellent in gloss and mechanical properties, esp. impact strength.

CONSTITUTION: A rubber-modified polystyrenic resin compsn. which comprises a polystyrene matrix and butadiene polymer particles dispersed therein in a specified ratio. In the compsn., the distribution of the diameter of the particles has two peaks, one in the range of smaller diameters and the other in the range of larger diameters; the particles having smaller diameters contain 80mol% or higher cis-1,4 linkages; the ratio of the amt. of the particles having a capsule structure to that of the total particles is at least 80%; the content of particles having diameters in a specified range is at least 80%; the particles having larger diameters have a salami-like structure; the wt.-average particle diameter is in a specified range; and the ratio of the wt. of the smaller diameter particles to that of the total particles is in a specified range.

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